Appendix B

File Types Used and Created by HARP

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File Extension	File Type	More Information
*.adj	Adjustment factors	Contains averaging period adjustment factors to be used with screening meteorology. This file is created from the adjustment factors window under the analysis menu of the risk window.
*.bin	Bin file	This binary file contains hourly X/Q values for each source-receptor combination. It is used for calculating maximum hourly acute risk.
*.cml	Chemical concentrations	This file contains chemical concentrations (GLCs) at a single receptor that can be used for risk analysis. The file is created from the chemicals tab of the Stochastic and Multipathway window.
*.csv	Comma separated variables	CSV files are created when you select Export/Export All Details from the risk window. Various files with this extension are created, one for each of the exported tables representing GLC, X/Q and risk. CSV files can be opened with Excel as tables.
*.dat	Coordinate conversion data	These files are located in your HARP directory and are used by the coordinate conversion routines. Do not move or modify these files.
*.dem	Digital elevation model file	Used to calculate elevations for stacks and receptors.
*.ems	Emission rates file	A table of chemical names and emission rates can be created and saved for use in future risk analysis. EMS files are created, edited and saved from the emissions tab of the Risk window.
*.ini	HARP initialization file	This file tells HARP where to save all of the files it creates (e.g., c:\HARP\projects\…).
*.err	ISC Error file	This file contains a list of all warning and error messages generated by ISC. The file is created each time you run ISC from the dispersion window. This file is also displayed in a preview window by HARP at the end of an ISC run.
*.grd	Geographic transformation file	The file egm96.grd is located in your HARP directory and is used by the coordinate conversion routines. Do not move or modify this file.
*.inp	ISC input file	This file is the primary input file for ISC. This file is created by HARP with the information added by the user in the Dispersion Analysis Module. It describes the sources, receptors, input and output options to be used by ISC in the analysis.

File Extension	File Type	More Information
*.isc	ISC Workbook input file	Dispersion Analysis input workbook. It stores all of the ISC input parameters. The information for this file is created under the Dispersion Analysis window.
*.log	BPIP log file	Log file created by BPIP. BPIP is run automatically by HARP when HARP builds the ISC input file.
*.map	Map File	Map files used by HARP in the risk module.
*.max	ISC Max file	Contains a list of all receptors whose concentration values exceed some specified threshold during the simulation. Generated by ISC according to the parameters that the user specifies on the *Output* control sheet of the Dispersion Workbook.
*.met	Meteorology file	Read by ISC. This file contains time series of wind velocity and direction, and various other parameters describing the wind profile.
*.mdb	Access 2000 database file	There are two *.mdb files used by HARP. HEALTH.MDB is the file with the health value information for each substance in the Hot Spots Program. All facility and emissions data is kept in the HARP.MDB file. This file can be renamed to fit your project. The contents of HARP.MDB largely mirror the CEIDARS database.
*.out	ISC output file	The primary ISC output file. This file contains an echo of the input, a summary of the results, and error messages.
*.par	Multipathway network parameter file.	The multipathway network parameters and be edited interactively under the Network Details tab of the Multipathway and Stochastic window. This file is used to store and retrieve your customized settings. Changing the network parameters is for advanced and administrative use, and is not generally recommended.
*.plt	ISC plot file	This is the standard plot file created by ISC during each run. It is an ASCII file that can be imported into a spreadsheet or other plotting program.
*.pol	Pollutant list	This is a list of chemicals that is used to customize reports. Pol lists can be created, edited and saved by the user. See the emission summary report window under the Reports menu of the main HARP program.

File Extension	File Type	More Information
*.pst	ISC Post file	This is the standard POST file generated by ISC. The contents of this report are controlled by the parameters on the Output tab of the Dispersion window. It contains UTM coordinates and pollutant concentratio ns at each receptor point, from each source, for each step of the simulation.
*.rsk	HARP Risk file	Contains point estimate risk values generated by HARP in the Risk Analysis module.
*.sit	Site parameters file	This file contains site-specific parameters used in multipathway risk analysis. This file can be created and edited by selecting *Analysis/Define Site Parameters* from the menu of the HARP risk window.
*.spl	Stochastic sample file	This file contains a list of samples created during stochastic risk analysis. The file is specified under the Primary Input/Sampling tab of the Stochastic window. Saved sample files can be later reloaded and analysed.
*.src	HARP source receptor file	This file is created by HARP when the dispersion analysis is run. It contains a list of the sources and receptors that were used in the ISC input and information that connects the dispersion results to the corresponding stack information in the HARP Facility Database. This information is used to perform the risk analysis.
*.sum	BPIP summary file	This is a summary output file generated by BPIP. BPIP is run automatically by HARP when HARP builds the ISC input file, provided there are buildings present.
*.tem	HARP transaction template file	Transaction template files. These files are stored in a HARP subdirectory and specify the sequence of data fields for each record type in a HARP/CEIDARS transaction file. You should not modify these files.
*.tra	HARP Transaction file	These files are in ASCII format and can be used to transmit emissions inventory data from one computer to another.
*.txt	HARP Text file	All reports generated by HARP are in a text file format.
*.xoq	HARP X/Q file	This file contains the X/Q values, also known as dilution factors, that are output by ISC. The XOQ file is read by the HARP risk module after the ISC run. X/Q's are multiplied by emission rates to get ground level concentrations.